

Converting Colors

XYZ(67.2280, 58.1097, 57.2253)

Have a look what the booklet for
XYZ(67.2280, 58.1097, 57.2253)
contains.

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Color

**XYZ(67.1678, 58.0693,
56.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5BF
RGB	255, 181, 191
RGB Percent	100%, 71%, 75%
CMY	0.0000, 0.2902, 0.2510
CMYK	0.00, 0.29, 0.25, 0.00
HSL	352°, 100%, 85%
HSV	352°, 29%, 100%
XYZ	67.1678, 58.0693, 56.9586
YIQ	204.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

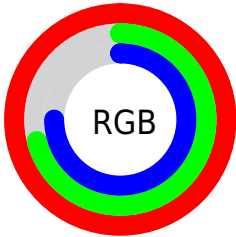
Format	Color
R _Y B	255, 181, 191
Decimal	16758207
CIE Lab	80.78, 28.22, 5.71
CIE LCh	81, 28.788, 11.436
Yxy	58.0693, 0.3687, 0.3187
Android (android.graphics.Color)	4294948287 (0xFFFFB5BF)
YUV	204.2660, -6.5401, 44.4937
Hunter-Lab	76.2032, 23.9796, 9.0255

Details

The XYZ color **67.1678, 58.0693, 56.9586** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2997, 87.9374, 99.6059**, and the grayscale version is **57.5860, 60.5849, 65.9770**.

A 20% lighter version of the original color is **88.3127, 88.5438, 100.4318**, and **35.3326, 29.1436, 27.8078** is the 20% darker color. If you saturate the color by 10%, you get **60.2021, 47.7341, 43.5501**, and if you desaturate by 10%, it is **75.4509, 70.4538, 72.6108**.

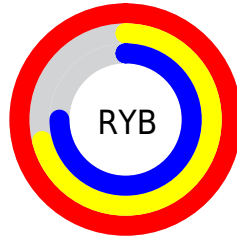
Distribution



Red (100%)

Green (71%)

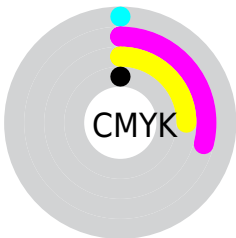
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

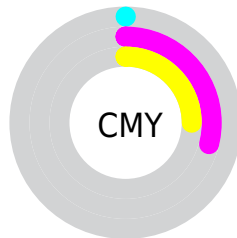


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1678, 58.0693, 56.9586 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.1678, 58.0693, 56.9586 by changing the saturation by 10% instead.


 67.1678, 58.0693,
56.9586

 67.1678, 58.0693,
56.9586


439.9649,
417.4441, 430.7836

 49.4922, 41.8644,
40.5629

 114.2093,
102.0238, 101.9045

 35.2262, 28.9951,
27.6606


144.3059,
130.5421, 131.2918

 24.0045, 19.0771,
17.8331


179.2735,
163.9337, 165.8466

 15.4617, 11.7260,
10.6620

219.4776,
202.5829, 205.9876

 9.2325, 6.5574,
5.7288

265.2834,
246.8741, 252.1332

 4.9515, 3.1869,
2.6148

317.0563,

 2.2533, 1.2301,

297.1918, 304.7021

0.9001

375.1617,
353.9204, 364.1127

■ 0.7706, 0.0861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1678, 58.0693,
56.9586

■ 67.1678, 58.0693,
56.9586

■ 60.2021, 47.7341,
43.5501

■ 75.4509, 70.4538,
72.6108

■ 54.4813, 39.3301,
32.2786

■ 85.1100, 84.9814,
90.5996

■ 49.9326, 32.7393,
23.0343

95.0500, 100.0000,
108.9000

■ 46.4736, 27.8277,
15.6958

■ 44.0112, 24.4426,
10.1286

■ 42.4362, 22.4031,
6.1803

■ 41.5951, 21.4456,
3.6657

■ 41.5352, 21.3781,
3.4845

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7495, 58.0693, 74.2292



67.1678, 58.0693, 56.9586



64.2107, 58.0693, 43.9491

Triad

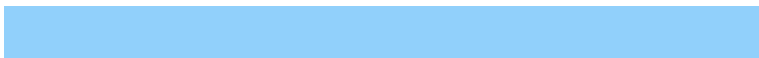
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1678, 58.0693, 56.9586



47.9712, 58.0693, 41.7298



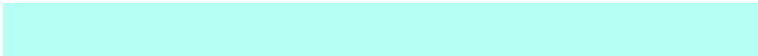
51.6345, 58.0693, 99.6008

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.1678, 58.0693, 56.9586



71.2997, 87.9374, 99.6059

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.0620, 58.0693, 87.4515



67.1678, 58.0693, 56.9586



45.0541, 58.0693, 53.3705

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1678, 58.0693, 56.9586



52.9584, 58.0693, 36.2700



44.7336, 58.0693, 69.9405



57.4898, 58.0693, 101.0335

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1678, 58.0693, 56.9586



60.8391, 58.0693, 38.6206



44.7336, 58.0693, 69.9405



49.9077, 58.0693, 96.5451

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.1693, 58.0720, 56.9598



85.1278, 85.0082, 90.6325



71.8490, 59.4857, 102.3028



17.9011, 17.7134, 18.8069



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1693, 58.0720, 56.9598



62.8472, 51.6482, 48.6740



71.8707, 69.1757, 53.2837



18.1093, 18.0270, 19.1925



21.7334, 11.1826, 1.9806



2.1453, 1.1005, 0.3466

Inverse Universe

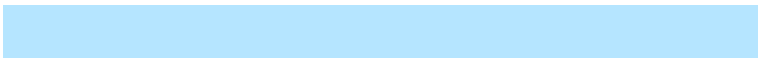
The Inverse Universe completely reimagines the original color for something new.



67.1693, 58.0720, 56.9598



62.8472, 51.6482, 48.6740



65.1551, 73.1397, 105.2911



18.1093, 18.0270, 19.1925



21.7334, 11.1826, 1.9806



2.1453, 1.1005, 0.3466

Previews

White Background



This preview shows how the XYZ color 67.1678, 58.0693, 56.9586 looks on a white background.

Color Contrast Check

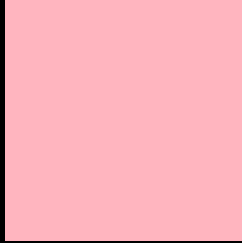
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.1678, 58.0693, 56.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1678, 58.0693, 56.9586

Background



This preview shows how black text looks on a background with the XYZ color 67.1678, 58.0693, 56.9586.

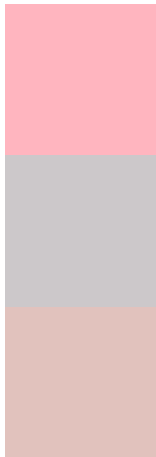


This preview shows how white text looks on a background with the XYZ color 67.1678, 58.0693,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.1678, 58.0693, 56.9586

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.5284, 58.2652, 56.2529



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

67.1678, 58.0693, 56.9586

Protanomaly

59.6944, 57.9051, 61.4567

Deuteranomaly

62.0839, 57.9458, 56.6277

Tritanomaly

67.3895, 58.1580, 58.1259

Monochromacy



Original Color

67.1678, 58.0693, 56.9586

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.4802, 59.2914, 62.2896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1678, 58.0693, 56.9586 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 191) }
```

Border

The CSS property to change the border of an element to XYZ 67.1678, 58.0693, 56.9586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

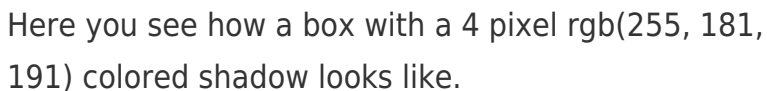
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 181, 191) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 191); box-shadow:4px 4px 4px 4px rgb(255, 181, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1678, 58.0693, 56.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
181, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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